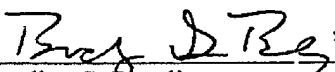


BAKER BOTTS LLP*Fax receipt will not be confirmed by phone unless requested.*ONE SHELL PLAZA
910 LOUISIANA
HOUSTON, TEXAS
77002-4995TEL +1 713.229.1234
FAX +1 713.229.1522
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DATE **August 16, 2005**
PAGES **Eighteen (18) (including cover sheet)**VOICE NO. **713.229.1802**
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AMENDMENT**FAX NO. **571.273.8300**
VOICE NO.**MESSAGE**

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Re: **RESUBMISSION OF INFORMATION DISCLOSURE STATEMENT SUBMITTED MARCH 15, 2004**
USSN: **10/646,932**
Filed: **August 22, 2003**
Group Art Unit: **2862**
Examiner: **Donald E. McElheny, Jr.**
Atty. Docket: **063718.0137**
Title: **"Induction Logging System and Method Featuring Multi-Frequency Skin Effect Correction"**

BAKER BOTTS L.L.P. (023640)

By: 
Bradley S. Bowling
Registration No. 52,641
One Shell Plaza
910 Louisiana Street
Houston, Texas 77002-4995
Telephone: 713.229.1802
Facsimile: 713.229.7702
Email: Brad.Bowling@bakerbotts.com
ATTORNEY FOR APPLICANT**Notice of Confidentiality**

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CRITICAL DEADLINE, SEND BY

Client Reference: HES 2002-IP-007209

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE AUG 16 2005

IN-RE APPLICATION OF:

XIAO, JIAQI

SERIAL No.: 10/646,932

FILED: AUGUST 22, 2003

TITLE: "INDUCTION LOGGING SYSTEM AND
METHOD FEATURING MULTI-FREQUENCY
SKIN EFFECT CORRECTION"§
§
§
§
§
§
§
§
§

GROUP ART No.: 2862


EXAMINER: DONALD E. MCELHENY, JR.

ATTY. DOCKET No.: 063718.0137

Commissioner for Patents
MAIL STOP: AMENDMENT
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION VIA FACSIMILE

PURSUANT TO 37 C.F.R. §1.8, I HEREBY CERTIFY THAT I HAVE A
INFORMATION AND A REASONABLE BASIS FOR BELIEF THAT THIS
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TO: COMMISSIONER FOR PATENTS, MAIL STOP AMENDMENT;
P.O. BOX 1450, ALEXANDRIA, VA 22313-1450; FACSIMILE
NUMBER 571.273.8300, AT THE TIME AND ON THE DATE
INDICATED BELOW.



BRADLEY S. BOWLING

REG. No. 52,641

TIME, DATE OF TRANSMISSION: 11:36 AM CST
08/16/2005

TO FACSIMILE NUMBER: 571.273.8300

RESUBMISSION OF INFORMATION DISCLOSURE STATEMENT
SUBMITTED MARCH 15, 2004

Dear Sir:

Applicants are resubmitting an Information Disclosure Statement originally filed on March 15, 2004. Receipt of the Information Disclosure Statement, Form 1449, and a courtesy copy of one non-patent publication is demonstrated by the returned postcard acknowledging receipt by the OIPE on March 15, 2004.

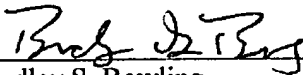
As the application has been allowed by the Examiner, Applicants respectfully request that the enclosed Information Disclosure Statement be considered as soon as possible.

HOU02:1040023.1
USSN: 10/646,932Via Facsimile Transmission: 571.273.8300
Resubmission of IDS Submitted March 15, 2004

Client Reference: HES 2002-IP-007209

Applicants believe that there are no fees due in association with the filing of this Response. However, should the Commissioner deem that any fees are due, Applicants respectfully request that the Commissioner accept this as a Petition therefor, and direct that any and all fees due are charged to Baker Botts L.L.P. Deposit Account No. 02-0383, Order Number 075115.0265.

BAKER BOTTS L.L.P. (023640)

By: 
Bradley S. Bowling
Registration No. 52,641
One Shell Plaza
910 Louisiana Street
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Telephone: 713.229.1802
Facsimile: 713.229.7702
Email: Brad.Bowling@bakerbotts.com
ATTORNEY FOR APPLICANT

Date: August 16, 2005

HOU02:1040023.1
USSN: 10/646,932

Via Facsimile Transmission: 571.273.8300
Resubmission of IDS Submitted March 15, 2004

Papers filed herewith on: 3.15.04
 DOCKET NO.: 063718. 0137
 ATTY/SEC.: AK: sar
 APPLICANT(S): Xiao, Jiaqi
 USSN: 10/646,932 FILED: 8.22.2003
 PAT NO.: _____

☐ New Application with Transmittal Letter
☐ Utility ☐ Design ☐ CIP ☐ Provisional
☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV
☐ Filing Under 37 CFR 1.114(RCE)
☐ Filing Under 37 CFR 1.53(d) (CPA)
☐ Specification Consisting of: _____ pages
☐ Declaration
☐ Power of Attorney
☐ Assignment / Cover Letter
☐ Letter to Official Draftsman
☐ Drawings _____ Sheets ☐ Formal ☐ Informal ☐ Red-ink
☐ Priority Document(s) _____
☐ Amendment: _____
☐ Transmt Ltr ☐ Large Entity ☐ Small Entity
☐ Response _____
☒ Information Disc Stmnt. PTO-1449(s) 1 re(s) enclosed
☐ Notice of Appeal ☐ Appeal Brief
☐ Issue Fee Transmittal
☐ FEES: _____
☐ Other: _____



Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case. COMMISSIONER FOR PATENTS

Due Date: _____

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Page 1 of 1



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- ACCEPTANCE, March 15, 2004, 6:50 pm, HOUSTON, TX 77201

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Int'l Alpha Country Code	COD Fee	Insurance Fee	NO DELIVER		
Acceptance Clerk Initials	Total Postage & Fees \$ 13.65				

FROM: (PLEASE PRINT) 4517 Paul Katz BAKER BOTTS LLP ONE SWELL PLAZA HOUSTON, TX 77002-4995 063718.0137	TO: (PLEASE PRINT) MAIL STOP 105 COMMISSIONER PD BOX 1450 ALEXANDRIA, VA 22313-1450 MAR 16 2004 BAKER BOTTS LLP
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Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case. COMMISSIONER FOR PATENTS

Due Date: _____

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EV339225161US

Papers filed herewith on: 3.15.04

DOCKET NO.: 065718.0137

ATTY/SEC.: ALK: SGR

APPLICANT(S): XIAO, JIANG

USN: 10/646,932 FILED: 8.22.2003

PAT NO: _____

☐ New Application with Transmittal Letter

☐ Utility ☐ Design ☐ CIP ☐ Provisional

☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV

☐ Filing Under 37 CFR 1.114(RCE)

☐ Filing Under 37 CFR 1.53(d) (CPA)

☐ Specification Consisting of: _____ pages

☐ Declaration

☐ Power of Attorney

☐ Assignment / Cover Letter

☐ Letter to Official Draftsman

☐ Drawings - Sheets ☐ Formal ☐ Informal ☐ Red-ink

☐ Priority Document(s) _____

☐ Amendment: _____

☐ Transmittal Ltr ☐ Large Entity ☐ Small Entity

☒ Information Disc Simul. PTO-1449(s) _____ re(s) enclosed

☐ Notice of Appeal ☐ Appeal Brief

☐ FEES: _____

☐ Issue Fee Transmittal: _____

☐ Other: _____

NCS 2002-1P-007209

Client Reference No. HES 2002-IP-007209

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Xiao, Jiaqi

§

Group Art Unit: Unassigned

§

§

Serial No.: 10/646,932

§

§

Examiner: Unassigned

§

Filing Date: 08.22.2003

§

§

Title: "INDUCTION LOGGING SYSTEM AND
METHOD FEATURING MULTI-
FREQUENCY SKIN EFFECT
CORRECTION"

§

§

§

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ATTORNEY DOCKET No.: 063718.0137

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AUG 16 2005

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Honorable Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING VIA EXPRESS MAIL

PURSUANT TO 37 C.F.R. § 1.10, I HEREBY CERTIFY THAT I HAVE INFORMATION AND
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PAUL N. KATZ

REG. No. 35,917

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03/15/2004

EXPRESS MAIL LABEL:

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. A copy of the cited non-patent document is enclosed for the convenience of the Examiner.

Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

HOU02:978699

EV339225161US

Client Reference No. HES 2002-IP-007209

PATENT

Applicants believe that no fee is required. However, should the Commissioner deem any fees as being due, Applicants respectfully request that the Commissioner accept this as a Petition Therfor, and hereby authorize the Commissioner to charge any fees due to Baker Botts L.L.P. Deposit Account Number 02-0383, Order Number 063718.0137.

Respectfully Submitted,

BAKER BOTTS L.L.P. (023640)

Date: March 15, 2004

By: Paul N. Katz
Paul N. Katz
Registration Number 35,917
One Shell Plaza
910 Louisiana Street
Houston, Texas 77002-4995
Direct Telephone: 713.229.1343
Direct Facsimile: 713.229.7743
EMail: Paul.Katz@bakerbotts.com
ATTORNEY FOR APPLICANTS

Client Reference No. HES 2002-IP-007209

PATENT

PTO-1449				Application No. UNASSIGNED		Applicant(s): JIAQI XIAO	
Information Disclosure Citation in an Application				Docket Number 063718.0137		Group Art Unit UNASSIGNED	
						Filing Date 08.22.2003	
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	1	3,147,429		MORAN	324	339	
	2	4,471,436	09.11.1984	SCHAEFER, ET AL.	702	7	01.12.1982
	3	5,698,982	12.16.1997	MITCHELL, WILLIAM K.	324	339	03.18.1996
	4	5,146,167	09.08.1992	STRICKLAND, ET AL.	324	339	05.30.1991
	5	5,666,057	09.09.1997	BEARD, ET AL.	324	339	02.29.1996
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
NON-PATENT DOCUMENTS							
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
	6	LIU, ET AL., "A NEW METHOD TO CORRECT THE EFFECT OF SKIN-EFFECT IN INDUCTION LOGS," SPWLA 41ST ANNUAL LOGGING SYMPOSIUM, PAPER D, PP 1-9.					June 4-7, 2000
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							